

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-010709**Date Inspected:** 29-Nov-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** As Identified Below**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector Larry Viars was present during the times noted above for observations relative to the work being performed.

Bay 13-

This QA Inspector observed the following work in progress: Flux Cored Arc Welding (FCAW) of OBG Segment 11 BE lifting lug weld, SSD18-PP100-234. ZPMC welder was identified as 058584. ZPMC QC was identified as Guo Xing Hui. ZPMC CWI was identified as Lv Li Qing The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2233-TC-U5-F.

Flux Cored Arc Welding (FCAW) of OBG Segment 11 CE lifting lug weld, SSD20-PP103-236. ZPMC welder was identified as 044774. ZPMC QC was identified as Guo Xing Hui. ZPMC CWI was identified as Lv Li Qing The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2232-TC-U4b-F.

Bay 14-

This QA Inspector observed the following work in progress: Submerged Arc Welding (SAW) of OBG Segment 10 EW Deck panel DP188A to DP215A weld, SEG073*-006. ZPMC welder was identified as 045265. ZPMC QC was identified as Xu Tao. ZPMC CWI was identified as Zhu Zhong Hai The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-B-L2c-S-2.

Flux Cored Arc Welding (FCAW) of OBG Segment 10 CW longitudinal diaphragm to floor beam weld,

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SEG063B-006. ZPMC welder was identified as 047866. ZPMC QC was identified as Xu Tao. ZPMC CWI was identified as Zhu Zhong Hai The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2231-TC-U4b-F.

Flux Cored Arc Welding (FCAW) of OBG Segment 10 CW longitudinal diaphragm to floor beam weld, SEG061C-006. ZPMC welder was identified as 202122. ZPMC QC was identified as Xu Tao. ZPMC CWI was identified as Zhu Zhong Hai The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2231-TC-U4b-F.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

As identified within the contents of this report.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150 0042 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	Dawson,Paul	QA Reviewer
